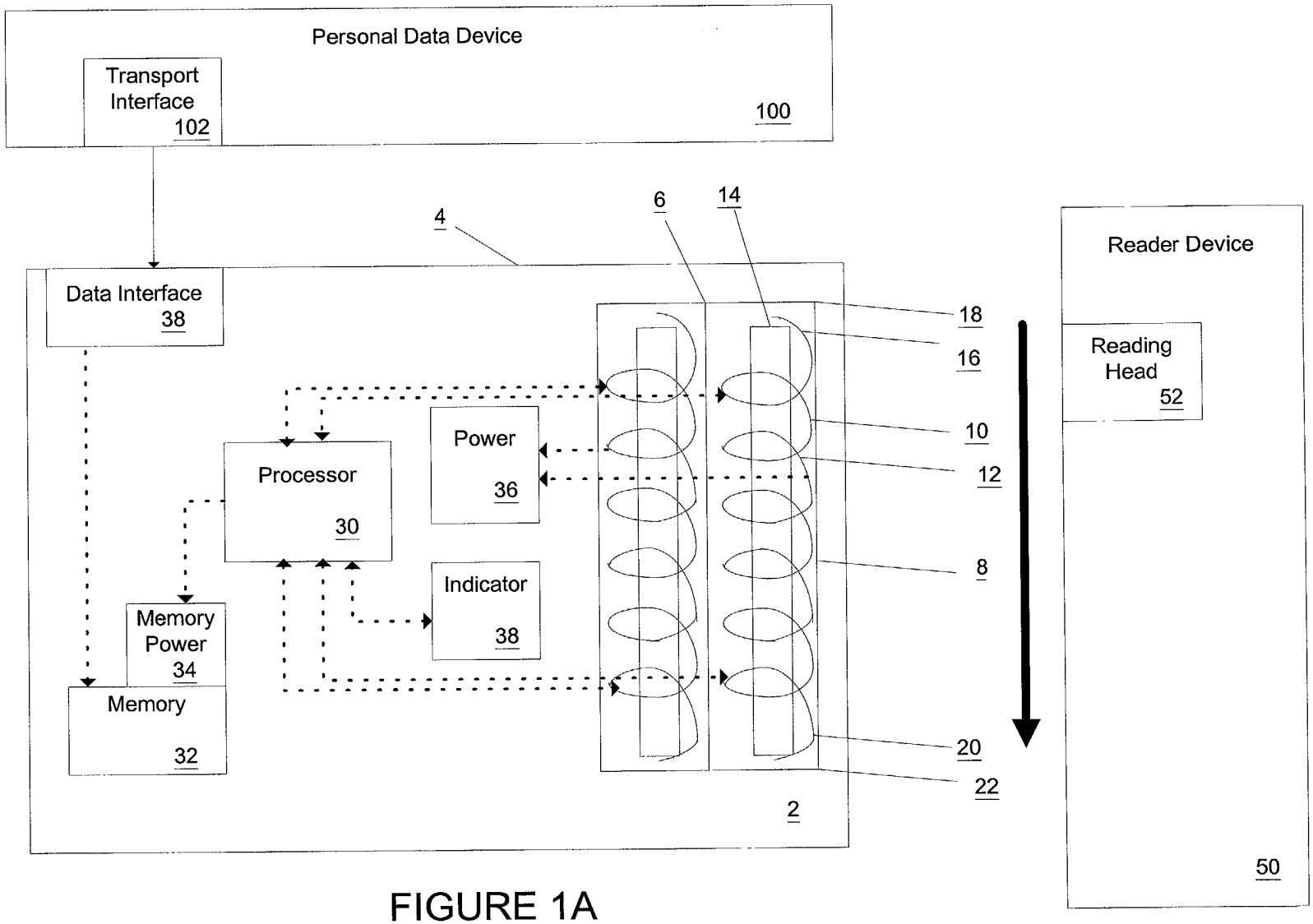

Personal Data Device
Transport Interface 102
100
4
6
14
Data Interface 38
Processor 30
Power 36
Indicator 38
Memory Power 34
Memory 32
18
16
10
12
8
20
22
2
Reader Device
Reading Head 52
50

FIGURE 1A

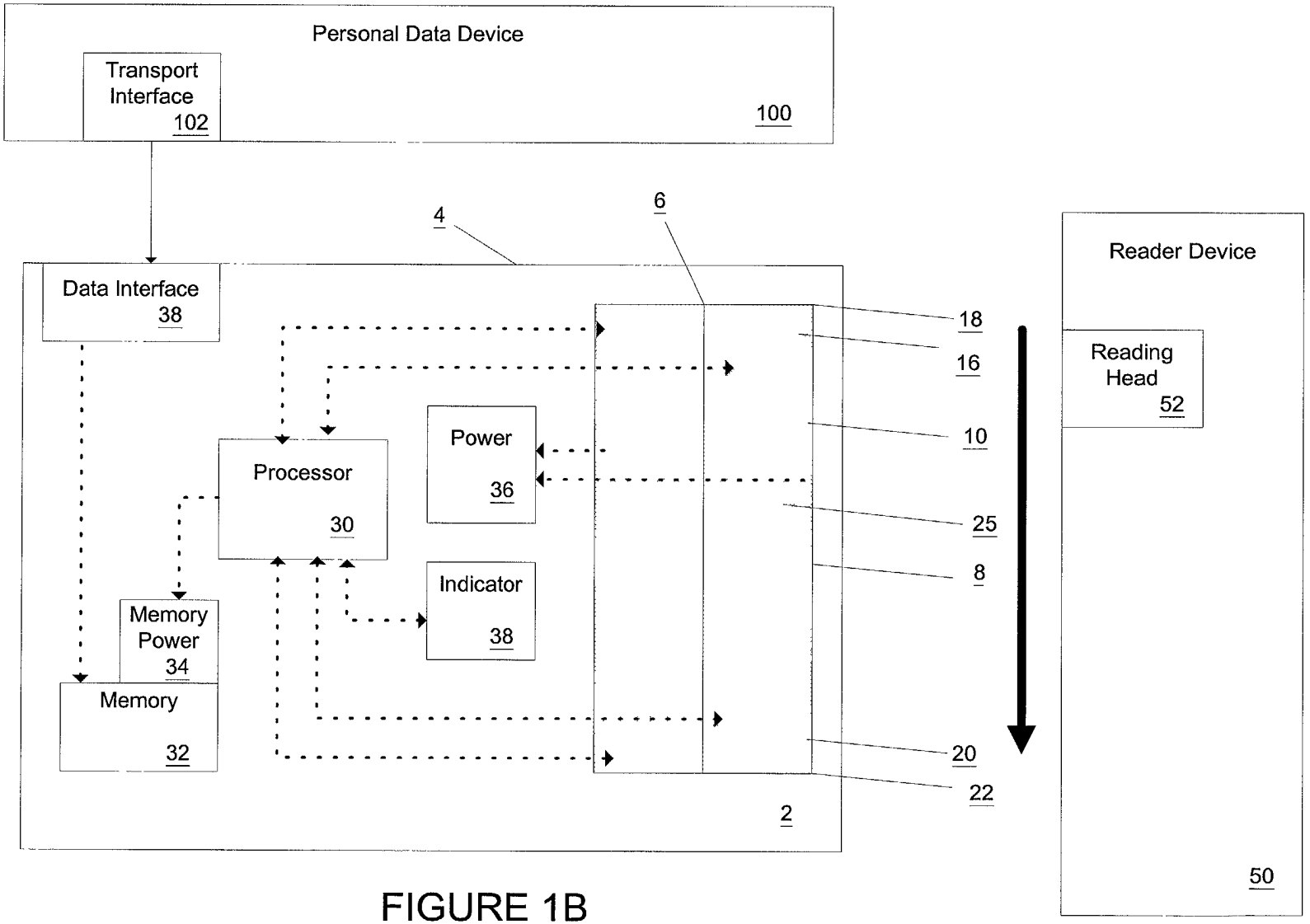

Personal Data Device
Transport Interface 102
100
4
6
Data Interface 38
Processor 30
Power 36
Indicator 38
Memory Power 34
Memory 32
18
16
10
25
8
20
22
2
Reader Device
Reading Head 52
50

FIGURE 1B

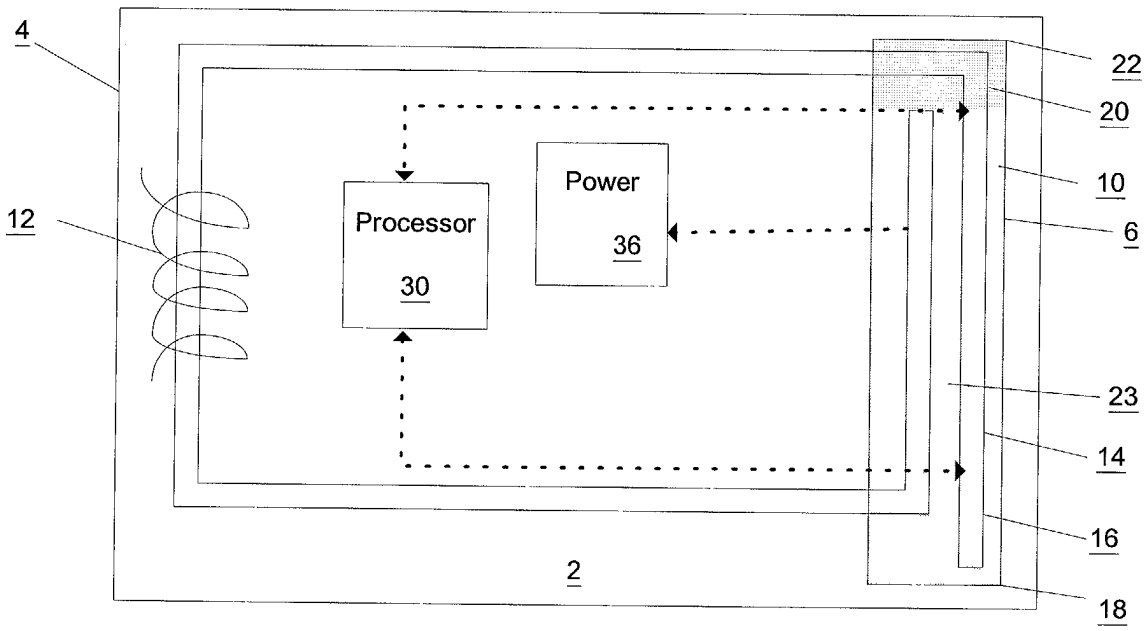


FIGURE 1C

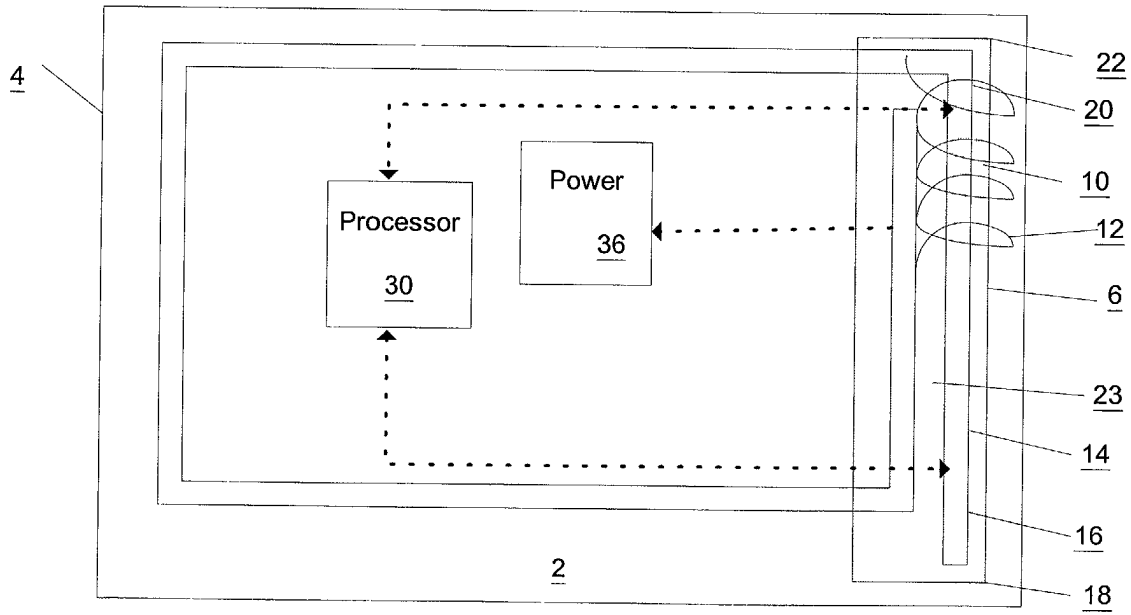


FIGURE 1D

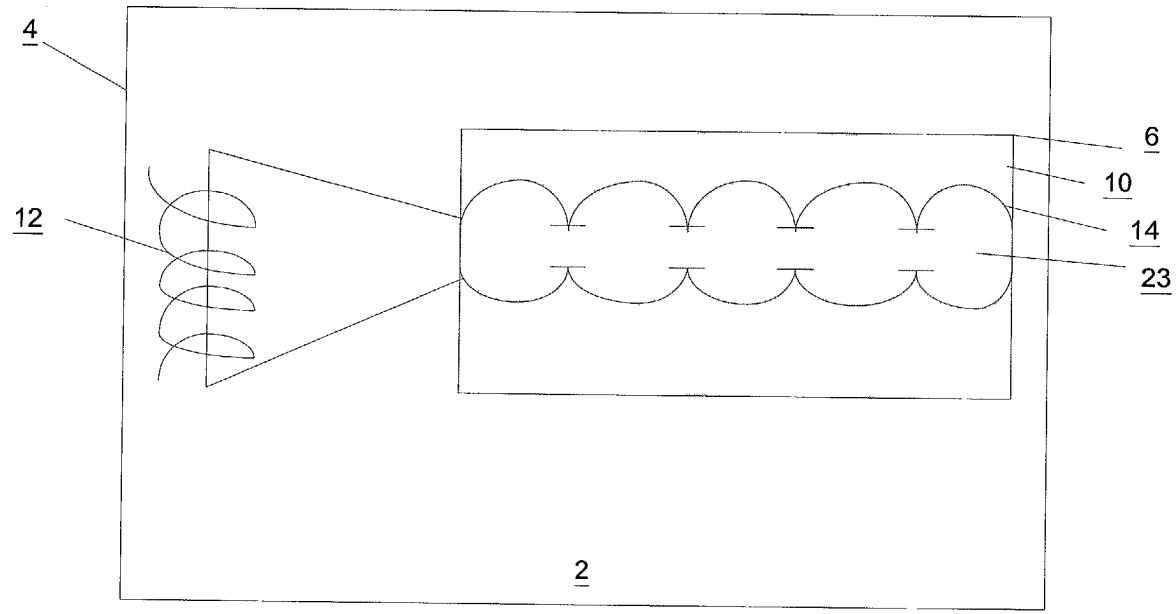


FIGURE 1E

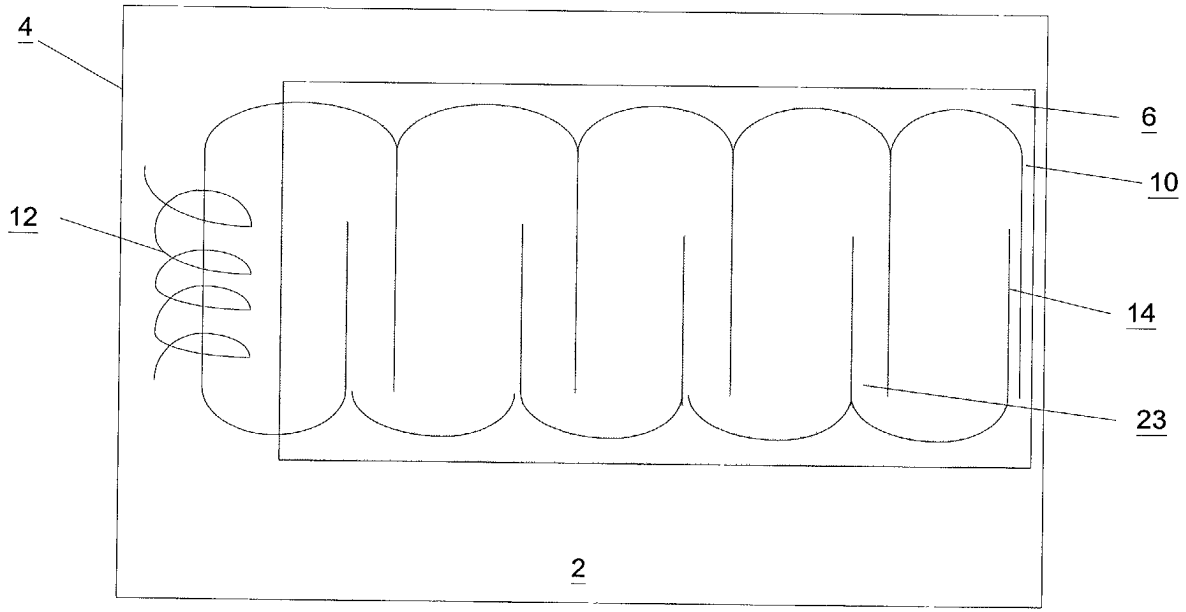


FIGURE 1F

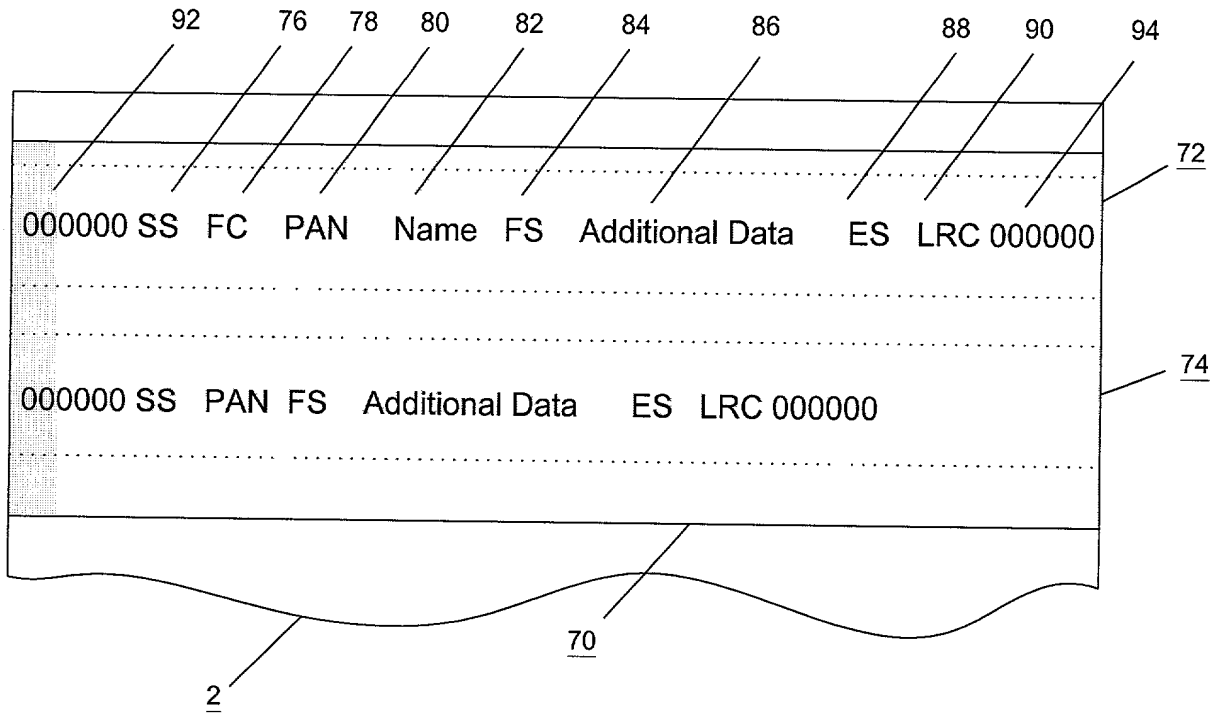
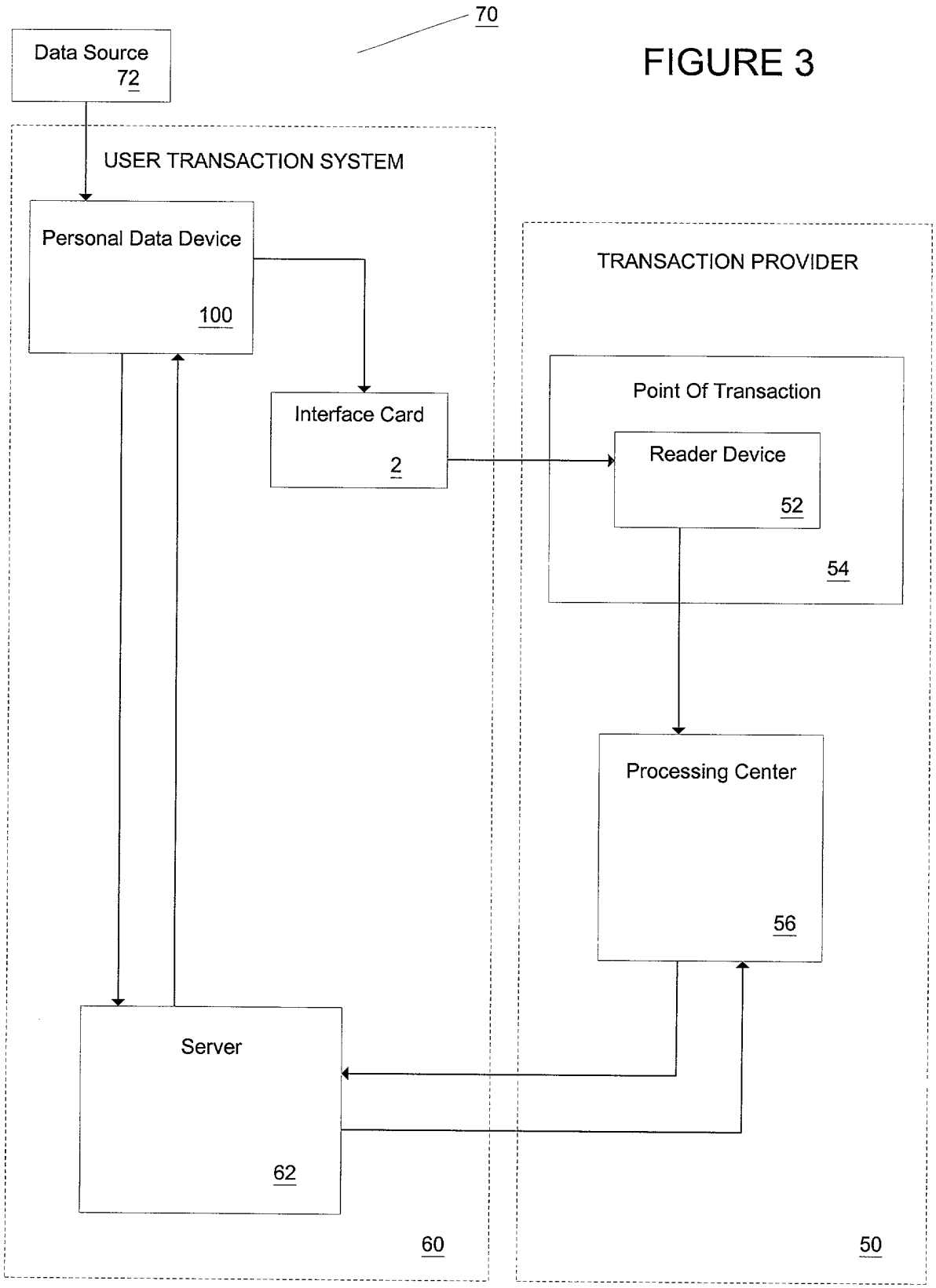


FIGURE 2

FP6006-05576-0

FIGURE 3


70
Data Source
72
USER TRANSACTION SYSTEM
Personal Data Device
100
Interface Card
2
TRANSACTION PROVIDER
Point Of Transaction
Reader Device
52
54
Processing Center
56
Server
62
60
50

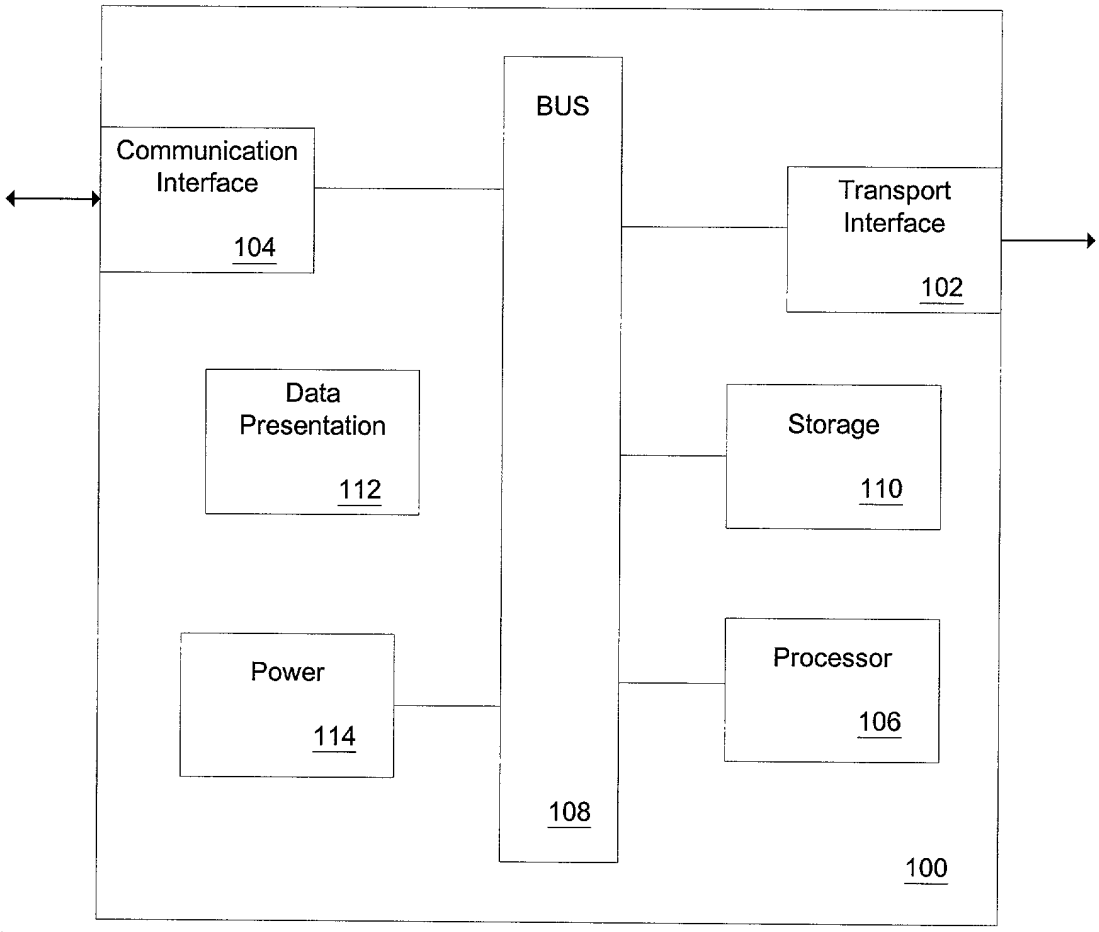

BUS
Communication Interface
104
Transport Interface
102
Data Presentation
112
Storage
110
Power
114
Processor
106
108
100

FIGURE 4

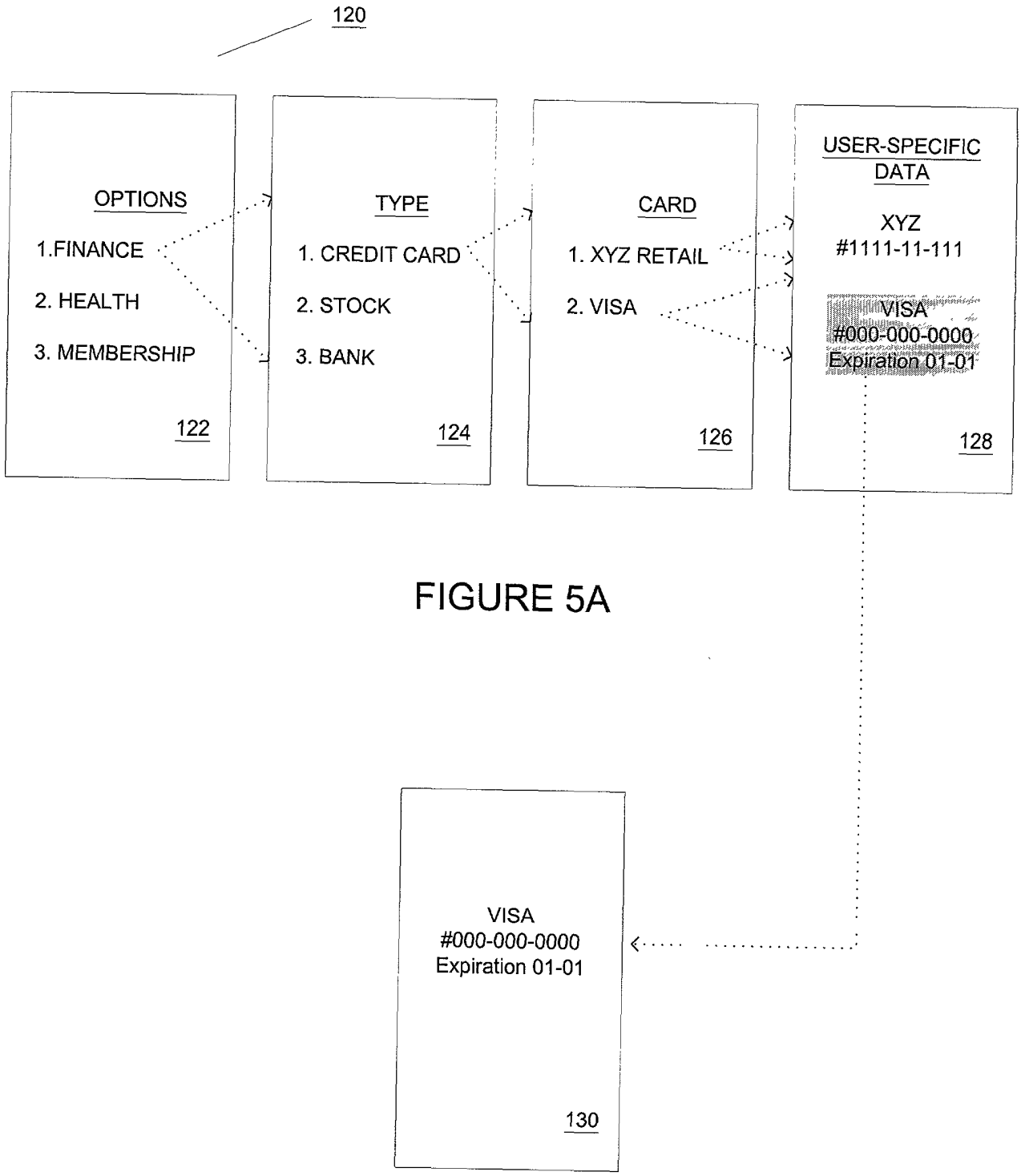


FIGURE 5A

FIGURE 5B

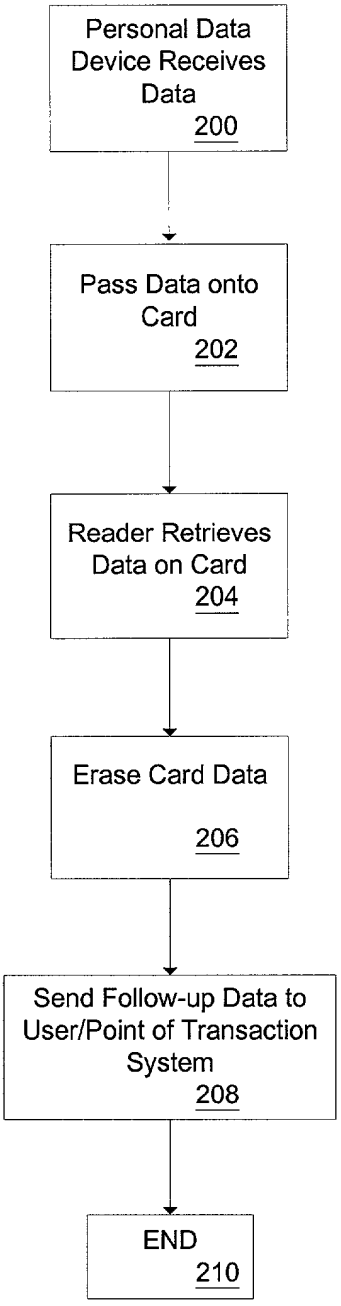


FIGURE 6A

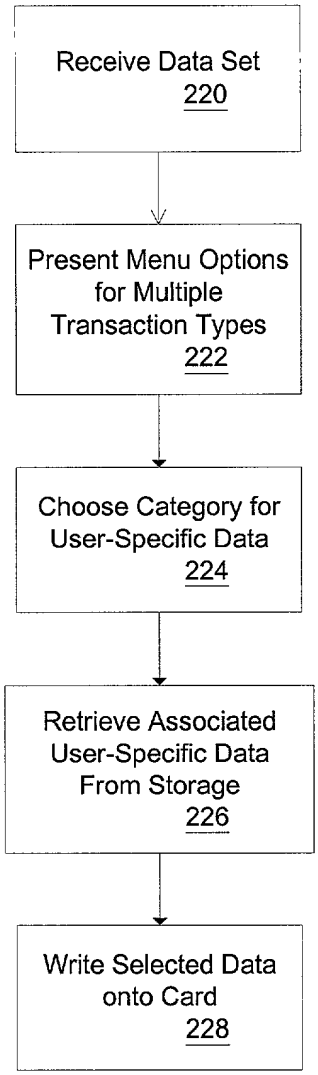


FIGURE 6B

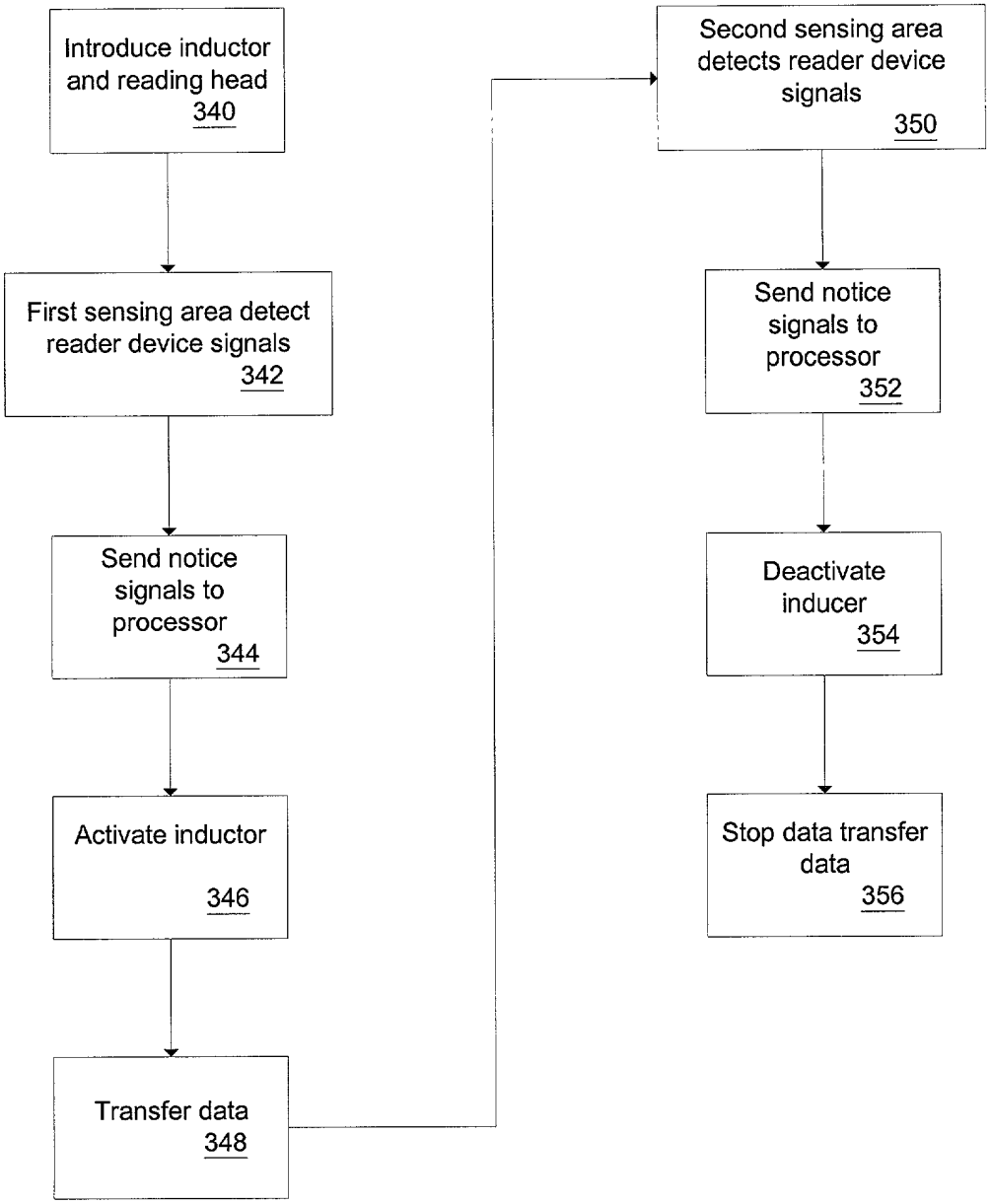

Introduce inductor and reading head 340
First sensing area detect reader device signals 342
Send notice signals to processor 344
Activate inductor 346
Transfer data 348
Second sensing area detects reader device signals 350
Send notice signals to processor 352
Deactivate inducer 354
Stop data transfer data 356

Figure 6C